

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE CLAIMS:

Please replace originally-filed claim 11 with new claim 11, as follows:

- - 11. (Amended) A method of transmitting facsimile over an Internet Protocol (IP) network to a destination facsimile device, said facsimile data originating as a standard facsimile transmission from a source facsimile device or as an electronic mail transmission from an IP client source device, said method comprising:

receiving incoming transmissions from the IP network, each of said incoming transmissions comprising transmission data transmitted within a connectionless network layer of the IP network, said transmission data comprising overhead data and accompanying payload data, said overhead data comprising an IP destination address, an IP source address and a destination facsimile number of the destination facsimile device, said payload data comprising binary facsimile data converted from a standard facsimile protocol signal or electronic mail data of a standard electronic mail transmission signal;

screening each of said incoming transmissions received, said screening comprising performing a reverse DNS lookup for each of said incoming transmissions, with at least one database holding information identifying [other] source internet facsimile servers and IP client sources, to determine whether said incoming transmission was sent from an IP client source device or a source facsimile device via [another] a source internet facsimile server;

converting said electronic mail data of said incoming transmission to binary facsimile data when it is determined that said incoming transmission was sent from an IP client source;

locating an IP destination address of a target internet facsimile server based on the destination facsimile number, when it is determined that said incoming transmission was sent from an IP client source;

converting said binary facsimile data to a standard facsimile protocol signal when it is determined that said incoming transmission was sent from a source facsimile device via [another] a source internet facsimile server; and

further communicating each of said incoming transmissions, said communicating comprising:

initiating placement of a call over at least one standard telephone line to the destination facsimile number of said destination facsimile device when it is determined that said incoming transmission was sent from a source facsimile device via [another] a source internet facsimile server;

delivering said payload data to said destination facsimile device in accordance with the standard facsimile protocol signal converted by said second converter; and

transmitting said converted binary facsimile data to said target internet facsimile server over a connectionless network layer of the IP network when it is determined that said incoming transmission was sent from an IP client source device, said

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converted binary facsimile data being forwarded to the IP destination address of said target
internet facsimile through the IP network. - -

End of Appendix.